Task 3 (a) Solution to Lane-Embden equation, h=0.01, n=0Scaled density,  $\theta$ 1.00  $\theta'$ 0.75 è Scaled density and its derivative,  $\theta$ , 0.50 0.25 0.00 -0.25 -0.50-0.750.0 0.5 1.0 1.5 2.0 2.5 Scaled radius,  $\xi$